



FINAL

Former Naval Station Treasure Island Restoration Advisory Board (RAB) Meeting Minutes

Meeting 168

10 December 2013

Community Restoration Advisory Board (RAB) Members in attendance:

John Gee, Alice Pilram (Community RAB Co-Chair), Dale Smith

Department of the Navy and Regulatory Agency RAB Members in attendance:

Keith Forman, Navy RAB Co-Chair

Remedios (Medi) Sunga, Department of Toxic Substances Control (DTSC)

Myriam Zech, San Francisco Bay Regional Water Quality Control Board
(Water Board)

Other Navy and Regulatory Staff and Consultant Representatives in attendance:

Bryce Bartelma, Navy

Dave Clark, Navy

Tony Konzen, Navy

Doug Gilkey, Kleinfelder

Colin Lee, Tetra Tech, Inc.

Nihal Oztek, Tetra Tech, Inc.

Christina Rain, Treadwell & Rollo

Tommie Jean Valmassy, Tetra Tech, Inc.

Public Guests in attendance:

Robert Beck, Treasure Island Development Authority (TIDA)

Ken Bonner, John Stewart Company

Barbara L. Cohen

Seanda Conley, Resident

Pina Correa, Resident

Dan Gerard, San Francisco Little League

Mike Kearns, Resident

Jeff Kline, Resident

Barbara Layma, Healthright 360

Kathryn Lundgren, Resident, Treasure Island Health Network (TIHN)

Doug McDowell, San Francisco Little League

Michael Mead

Vicky Nguyen, NBC - KNTV

Ed Sisson, John Stewart Company

Will Spencer, Resident

Buthienah Taha

Elizabeth Wagner, NBC Bay Area

Sherry Williams

Welcome Remarks and Introductions

Keith Forman (Base Realignment and Closure [BRAC] Environmental Coordinator [BEC]) opened the October RAB meeting for Former Naval Station Treasure Island (NAVSTA TI) held at the Casa de la Vista (Building 271) on Treasure Island (TI). He introduced all of the Navy staff present and invited attendees to talk to any members of the Navy team if they have questions. Mr. Forman reviewed the agenda (Attachment A).

Public Comments and Announcements

Mr. Forman opened the floor for public comment and announcements. Jeff Kline (resident) said he received a letter from the Treasure Island Development Authority (TIDA) in March 2013, and it describes some radiological commodities as deck markers, but in Navy contractor lists they are described as “foils,” and he feels it is misleading for TIDA to refer to the foils as deck markers. He said he is also disappointed that the federal government has not been able to determine the use and source of the foils and why they have been found on NAVSTA TI.

Kathryn Lundgren (Treasure Island Health Network [TIHN]) asked for the status on the exposed asbestos she reported several months ago. She said there are two tanks with a small sign indicating asbestos is present. The sheeting on the outside appears to be crumbling and falling off, and in windy conditions, she is concerned that asbestos is being spread. Mr. Forman asked if she had spoken to Patricia McFadden of the Navy’s Caretaker Site Office on NAVSTA TI. Ms. Lundgren said she had not spoken to Ms. McFadden about this situation. Mr. Forman said he would find out who is responsible for maintenance in the area, confirm the location Ms. Lundgren is reporting, and get back to her with an answer about what will be done and by who.

Pina Correa (resident) asked if there is an estimate of how many additional houses will be closed as a result of radiation. Mr. Forman explained the buildings are being closed because of other cleanup programs, not because of the radiation investigations. He said there is no plan at this time to demolish buildings based on the radiological findings to date. Mr. Forman said there are other contaminants of concern that are being investigated, and the Navy is currently preparing a feasibility study for Site 12. Based on the final results, there may be other buildings demolished in Site 12, but he does not have an estimate of how many at this time.

Seanda Conley (resident) said she is concerned about the safety of living on TI, and said she has been doing other research and seeking additional opinions about resident safety at NAVSTA TI. Mr. Forman said he is not familiar with anything that says it is not safe to live on NAVSTA TI. He added that the Navy and its team of contractors are dedicated to using good science to gather data and analyze it publicly. The Navy is committed to discussing findings with the regulators and the public to determine the best way to address anything that is found.

Site 12 Feasibility Study Update

Mr. Forman introduced Bryce Bartelma (Navy) to present the update on the Site 12 feasibility study document (Attachment B). Mr. Bartelma reviewed the boundary and historical uses of Site 12. He explained the Solid Waste Disposal Areas (SWDA) within Site 12 are not covered in the feasibility study and are being addressed in a non-time critical removal action. In addition, the feasibility study does not include radiological isotopes; the isotopes are being investigated separately under the radiological program.

Mr. Bartelma showed a figure of Site 12 highlighting all of the sampling locations collected to date. Approximately 2,000 locations have been sampled, and 31,000 discrete samples have been collected at different depths. Mr. Bartelma said that the Navy collected additional samples in a few areas in support of the feasibility study to further characterize the site. Although radioisotopes are not part of this investigation, the Navy did screen for radioisotopes when these additional samples were collected. The Navy did not find any levels above background. Dan Gerard (San Francisco Little League) asked what background level is. Mr. Forman said for radioisotopes, the general background level is 7 to 9 microrems/hour. He clarified that the background level is site specific, and that areas with gravel or a sidewalk may have a higher level.

Mr. Bartelma said all of the historical and recent sampling results were compiled to develop a list of chemicals of concern for Site 12, presented on slide 9 of the handout. Mr. Bartelma said the chemical of concern for groundwater is arsenic. Mr. Forman clarified that total petroleum hydrocarbons, such as diesel and motor oil, are driving naturally occurring arsenic into the groundwater, which eventually goes to the bay. This arsenic is found in only a small area within Site 12, and does not pose a threat to human health. Mr. Forman added that, to clean up this area, the Navy may require tenants to vacate, not for health reasons, but because of construction hazards and nuisance to residents while cleanup takes place. Vacating the site will depend on the final cleanup remedy, still to be selected.

Dale Smith (RAB member) asked why the Site 12 feasibility study says exposure unit (EU) 143 was not sampled for analysis of dioxins and furans. Doug Gilkey (Kleinfelder) said previous samples had been collected at that site, but the Navy wanted to collect a sample at greater depth to confirm the vertical extent. Unfortunately, when attempting to sample, the team “hit refusal,” meaning, because of rock or hard clay the field crew were not able to drill deeper, even when trying several locations in the same area. To be conservative, the Navy will assume the contaminants of concern in that area are to the same depth as the deepest samples nearby and will remediate to that depth.

Ms. Smith asked why chromium VI was found in certain locations, as noted in the feasibility study. Mr. Gilkey said the team sampled for chromium VI and only found it at the four locations where total chromium exceeded the risk-based concentration.

Mr. Bartelma reviewed the objectives of the cleanup and the cleanup alternatives evaluated in the feasibility study. He explained each alternative is evaluated to see if it is protective, complies with the law, is effective, reduces toxicity, is implementable, and the comparative cost. Barbara Cohen (community member) asked where the excavated soil would be taken for alternatives that include excavation. Mr. Bartelma said it will go to a landfill licensed to take the soil. Mr. Forman said the soil must be tested after it is excavated, then once the type and level of contaminants are determined, the final landfill can be selected. Remedios Sunga (DTSC) clarified that there are no landfills in the Bay Area that would likely be used for the soil that will be excavated. Ms. Cohen said she has seen trucks taking soil off of TI before and asked where that soil went. Dave Clark (Navy) said it depends on who’s project it was (Navy or other party).

Ms. Lundgren said the remedial action objectives listed in the presentation include reducing the risk to current and future residents by minimizing dermal contact, incidental ingestion, and inhalation. She asked if these are all exposures that can currently happen, and asked if residents are currently at risk from this exposure. Mr. Bartelma said the contaminants are sub-surface and there is currently not an exposure pathway to residents. Mr. Forman said some of the contaminants being discussed are found to a depth of 10 feet, which do not pose a current risk to residents. However, the Navy is held to the standard of conducting a cleanup to protect construction workers or preventing future exposure. Ms. Lundgren said she is concerned that contamination is coming to the surface in groundwater, where there are some soggy areas on TI. She said between environmental concerns, and the concerns about the infrastructure on TI, residents feel vulnerable and unprotected. Ms. Smith asked if Bob Beck (TIDA) could answer questions about friable asbestos and lead exposure in residential buildings. She also asked if residents who may have to move based on the findings in the feasibility study have been notified. Mr. Forman said the

Navy must complete the Feasibility Study, then the Proposed Plan, then Record of Decision, then prepare a work plan to confirm which buildings may need to be vacated. Mr. Beck said residents will receive a 90-day notice if they need to relocate.

Ms. Conley said she feels like the Navy and TIDA keep “passing the buck,” each saying the other is responsible for conditions on TI. However, she is concerned for the safety of her family and other residents. Mr. Forman said the Navy has always said there is contamination at NAVSTA TI, and what the Navy is looking at are potential exposure pathways. The Navy is conducting formal assessments to identify the best cleanup for long-term protectiveness. Mr. Forman explained that the extensive data the Navy has indicate that there is no current unacceptable risk, but that does not mean the Navy can leave what is present and still transfer the land. He added that the preferred alternative noted in the feasibility study is the most aggressive cleanup alternative. Ms. Cohen asked who pays for the final cleanup. Mr. Forman said the federal taxpayers; funding must be approved by Congress.

Michael Mead (resident) said he understands the Boys & Girls Club shut down because of health hazards on TI. Mr. Forman said the Boys & Girls Club is located in close proximity to an area where the Navy is digging large holes and has some fences. Those activities are disruptive to the Boys & Girls Club; there was not a health hazard. Mr. Forman said he is in regular contact with the Boys & Girls Club, as is TIDA, and the club is periodically updated on the status of the cleanup in that area.

Ms. Correa said she was informed that 1237 North Point is going to be vacated and excavated. She lives in that area, and asked if that excavation will pose a risk to herself and other residents in the area, because the Navy will bring contamination to the surface during excavation. Mr. Forman said that when the Navy conducts an excavation, it must be done in a safe and protective manner. These measures include dust control and all safety plans are reviewed by the regulatory agencies. He said the Navy will use all appropriate safety precautions when excavating, storing, and transporting any excavated soil. Ms. Smith asked if the Navy will consider filming the windows if residences located near the Site 12 excavation during work. Mr. Forman said that filming of windows is a possibility and will be considered when the Navy is at the stage of planning the field work.

Doug McDowell (San Francisco Little League) said Tepper Field, located on the eastern side of TI, is across the street from a fenced area where there are radioactive signs on the fence. He asked if that area is related to the Site 12

investigation and cleanup being discussed. Mr. Clark said that area is separate, not related to the Site 12 cleanup. That is where former Building 233 was located.

Mr. Kline asked if DTSC will conduct air monitoring when the Navy is excavating. Ms. Sunga said DTSC will not perform independent air monitoring; the agency will review the data from the Navy's contractors carrying out the monitoring. Mr. Kline also asked if the Navy has investigated the pathway for vapor migration for polynuclear aromatic hydrocarbons (PAH). Mr. Forman said PAHs are not volatile.

Ms. Lundgren requested that the Navy keep residents updated on the plan for dust control and other planned measures at Site 12. She said she would like someone to make sure the air monitors are correctly placed so they test for dust before it will reach residents. She also said water evaporates quickly on TI, and even with watering the soil she is concerned it will be dry and blow outside of the enclosed work area. Mr. Forman confirmed air monitoring will be conducted upwind and downwind, and effective dust measures will be used. He said the Navy will communicate clearly about what it is doing to be protective.

Mr. Forman said the draft Site 12 feasibility study was issued on 18 October, and reminded the group that comments are due by 20 December 2013. The next step will be a proposed plan, which will include a mailer to the community and a public meeting.

Community Relations Plan Update

Mr. Forman introduced the next topic, and stated it also relates to a document currently out for review. He introduced Tommie Jean Valmassy (Tetra Tech), who provided the update along with Mr. Forman (Attachment C).

Mr. Forman explained the Community Relations Plan is a required document, which details the methods and frequency of information exchange from the Navy to the community. It incorporates feedback from stakeholders about better ways of communicating and meeting information needs. Mr. Forman said the document also provides a "*Readers Digest*" version of the status of cleanup sites on NAVSTA TI.

Mr. Forman said 26 community interviews were conducted to gather feedback and information about communication needs. He reviewed the five key themes identified during the interviews, as listed in the document. Ms. Valmassy reviewed the proposed communication methods for each of the key themes. She explained these recommendations are draft, and the Navy is seeking comments on the document, including alternative outreach methods. Mr. Forman

reminded the group that the comment period was extended, and comments on the draft Community Relations Plan are due 20 December 2013.

Will Spencer (resident) asked how he could submit comments on the draft Community Relations Plan. Mr. Forman said email would be fine, and Mr. Spencer confirmed he has the handout with Mr. Forman's email address. Mr. Spencer said he would like to see a more recent account of activities at NAVSTA TI. Typically, the historical account ends with the Navy leasing property to TIDA, but that was more than 10 years ago. He would like to read about the investigations and how the program has reached the current stage. Mr. Forman asked if such information could be presented in a fact sheet. Mr. Spencer said he believes a timeline style fact sheet would be beneficial. He also said a flowchart illustrating how the Navy, TIDA, and the leasing companies interact with each other would be helpful to residents.

Ms. Smith said she reviewed the 2006 and 2008 Community Relations Plan updates, and in comparison to those documents, she feels this 2013 update eliminates the RAB. The draft Community Relations Plan 2013 Update does not discuss technical review of documents by the RAB, nor did she find a discussion of meeting notifications, membership, administrative support, or technical training for the RAB. Mr. Forman said that if Ms. Smith feels this information was omitted from the Community Relations Plan, he expects to see that information in her comments on the document. Ms. Smith added that the issue of the RAB not communicating with the community at large is not its responsibility, and is a goal the Navy is setting for the community that it cannot achieve. Ms. Smith said she is concerned that the RAB will no longer receive technical documents to review because it does not say that these documents will be provided in the draft Community Relations Plan 2013 Update. She stated she believes Mr. Forman was brought onto the NAVSTA TI team to shut down the RAB, as he did at Hunters Point. Mr. Forman asked Alice Pilram (RAB Community Co-Chair) if she shares the same concerns about the Navy's support of the RAB. Ms. Pilram said so far she feels that the RAB has been supported by Mr. Forman, and that the RAB has had access to technical documents and will continue to have meetings every other month.

Mr. Forman said the idea that the Navy wants to shut down the NAVSTA TI RAB is not true. He said he is a BRAC Environmental Coordinator, and someone in that job function would never have the authority to shutter a RAB. The decision at Hunters Point was made by his superiors, and the situation there was very different from that at NAVSTA TI. He added that he is here to promote a positive environment for the RAB, and the RAB is vital to an effective community outreach program at NAVSTA TI.

Upcoming Documents and Field Schedule

Mr. Clark reviewed the Document Tracking Sheet (DTS) (Attachment D) and the Field Schedule (Attachment E). Mr. Clark said the DTS is a subset of the Site Management Plan, and its function is to list and track all of the documents that are currently being prepared. It allows the regulatory agencies and RAB members to know what documents to expect for review. He highlighted all of the documents that will be issued as draft or final within the next 60 days, and all of the ongoing field work. Mr. Kline asked about the status of the Historical Radiological Assessment Supplemental Technical Memorandum (HRASTM). Mr. Clark said the draft is being revised based on comments received from the regulatory agencies. It will then be reviewed again, and may be finalized sometime in April 2014.

Co-Chair Announcements

Ms. Pilram said she has comments on the draft Community Relations Plan 2013 Update from John Gee (RAB member), who had to leave before the meeting ended (Attachment F.)

RAB Meeting Minutes

Mr. Forman noted there was not a quorum. Comments on the draft meeting minutes from August 2013 will be moved to the February 2014 RAB meeting.

BRAC Cleanup Team (BCT) Update

Mr. Forman invited the regulatory agency members to provide an update. Ms. Sunga and Myriam Zech (Water Board) replied they do not have specific updates, but are happy to answer questions if the RAB or community has any. Ms. Smith said she would like an update on what was discussed at the meetings. Mr. Clark said a review of the DTS indicates what was discussed at the BCT; items that are out for review are discussed so the regulatory agency members can ask questions and the team can discuss planned work. Ms. Smith asked if there are separate meetings to discuss the specifics of certain sites. Ms. Sunga said yes, outside of regular BCT meetings there may be teleconferences or meetings related to specific sites and projects.

Other Announcements and Future Meeting Agenda Items

There were no requests for specific topics for future meetings. The next RAB conference call is scheduled for Tuesday, 28 January, at 7:00 p.m. The next RAB meeting is scheduled for Tuesday, 18 February 2014. The meeting was adjourned at 9:57 p.m.

Action Items

The following action items were identified during the meeting:

#	Action Item	Due Date	Status
1.	Mr. Forman will find out who is responsible for maintenance in the area Ms. Lundgren reported as having exposed asbestos and get back to her with an answer about what will be done and by who	2/18/14	This item was directed to TIDA
2.	Will Spencer (resident) asked for a timeline of the island since the Navy closed it as an active base, including recent activities. Mr. Forman will present that information in a fact sheet.	TBD	

10 December 2013 RAB Meeting Handouts

- Attachment A: NAVSTA TI RAB Meeting No. 168 Agenda
- Attachment B: Site 12 Feasibility Study
- Attachment C: Draft Community Relations Plan 2013 Update
- Attachment D: Document Tracking Sheet
- Attachment E: Field Schedule
- Attachment F: Comments on the Draft Community Relations Plan 2013 Update, provided by John Gee

NAVAL STATION TREASURE ISLAND
ENVIRONMENTAL RESTORATION ADVISORY BOARD MEETING
Tuesday, 10 December 2013
Casa de la Vista Building 271
Treasure Island
MEETING NO. 168

- 6:00 – 7:00 **Holiday Potluck – Optional**
- 7:00 – 7:05 **Welcome Remarks and Introductions**
Lead: Keith Forman, Navy Co-Chair
- 7:05 – 7:15 **Public Comment and Announcements**
Lead: Keith Forman, Navy Co-Chair
- 7:15 – 7:45 **Site 12 Feasibility Study Update, Building Demolition**
Leads: Bryce Bartelma/ Dave Clark/ Keith Forman, Navy
- 7:45 – 8:05 **Draft Community Relations Plan Update**
Leads: Keith Forman, Navy/ Tommie Jean Valmassy, Tetra Tech
- 8:05 – 8:25 **Document Tracking Sheet and Field Schedule**
Lead: Dave Clark, Navy
- 8:25 – 8:35 **Co-Chair Announcements**
Lead: Alice Pilram, Community Co-Chair
- 8:35 – 8:40 **RAB Meeting Minutes**
Lead: Keith Forman, Navy Co-Chair
- 8:40 – 8:45 **BRAC Cleanup Team Update**
Lead: DTSC and Water Board
- 8:45 – 8:55 **Future Meeting Agenda Items/ Closing Remarks**
Lead: Co-Chairs

Next Regular Meeting: No January 2014 Meeting

7:00 pm Tuesday, 18 February 2014
Casa de la Vista, Treasure Island

Next Treasure Island Citizen's Advisory Board (CAB) Meeting: See the web site for latest dates and times for future meetings: <http://www.sfgov.org/treasureisland>

Next Interim RAB Community Member Conference Call:

7:00 pm. Tuesday 28 January, 2014

Call-In Number: 1- 866-738-8583

Participant Code: 6153166

Navy BRAC Web Site: <http://www.bracpmo.navy.mil> (click on map for Treasure Island)

Navy San Diego Office Address:

BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE WEST
NAVAL FACILITIES ENGINEERING COMMAND
1455 FRAZEE ROAD, SUITE 900
SAN DIEGO, CA 92108-4310



Naval Station Treasure Island



Site 12 Feasibility Study

Restoration Advisory Board (RAB) Meeting
December 2013



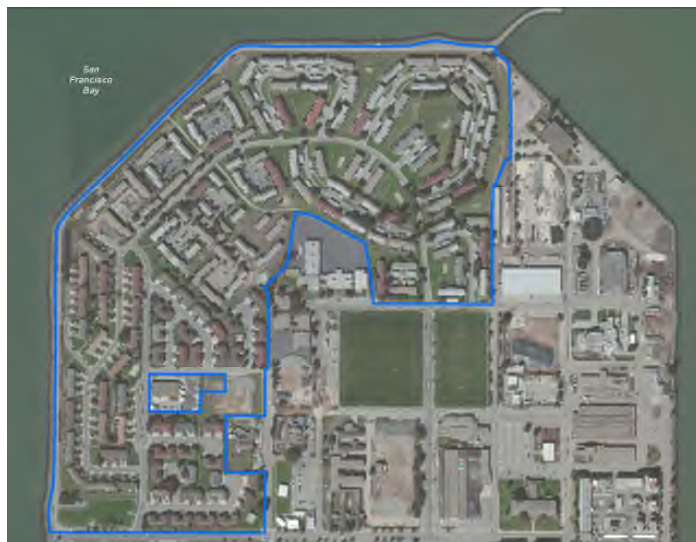
Naval Station Treasure Island



- Environmental Geologist
- Contracted Navy Support with 13 Years of Environmental Experience
- Minnesota Native
- Passionate About Outdoors and Protecting Our Planet!



Site 12 Naval Station Treasure Island



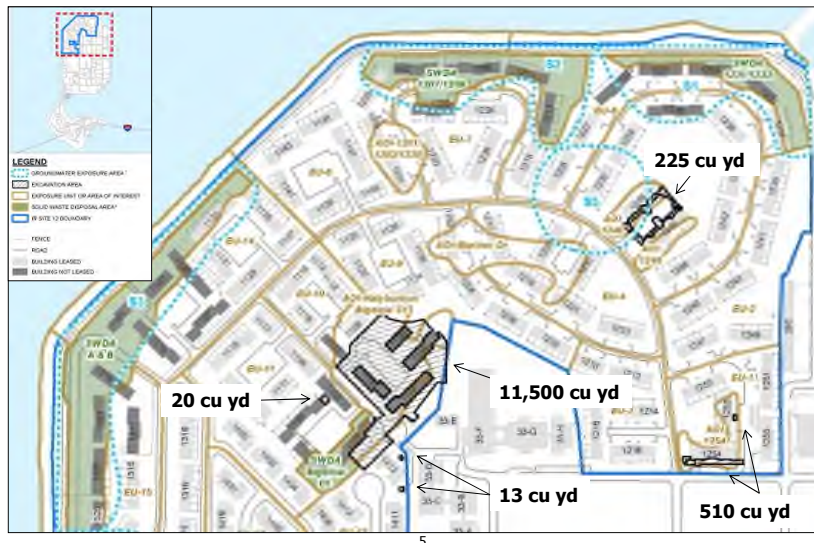
Site 12 Background



- Historically used for ammunition storage, runway, and certain specific areas were used as solid waste disposal areas (SWDAs)
- Debris spread during grading for Navy housing
- Became CERCLA Site in 1988
- Extensive trenching, sampling and investigations to define nature and extent of chemicals of concern (COCs) in soil and groundwater
- Extensive set of data used to complete required risk assessments
- 2012 Final Remedial Investigation Report (TriEco-Tt 2012)



Pre-NTCRA Excavation Areas



5



Site 12 Feasibility Study



- Distributed for regulator and public review/comment on October 18, 2013
 - Does not include Solid Waste Disposal Areas (SWDAs)
 - Does not address radiological isotopes



Draft

Feasibility Study for Installation Restoration Site 12,
Old Bunker Area

Former Naval Station Treasure Island
San Francisco, California

October 2013
Document Control No. NCTC-2013-001-0010

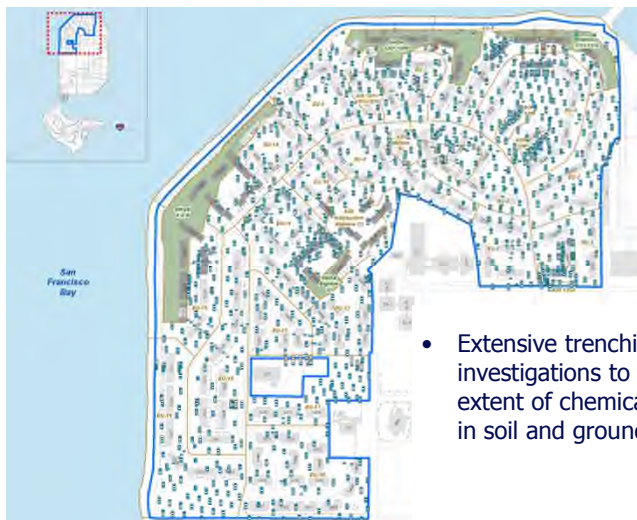


- **Next step after Remedial Investigation**
- **Identifies Applicable or Relevant and Appropriate Requirements (ARARs)**
- **Identifies Remedial Action Objectives (RAOs) and Remedial Goals (RGs)**
- **Evaluates remedial alternatives and provides recommendation**
- **Seeks to achieve consensus among Navy and project stakeholders**

6



Remedial Investigation Sampling Locations



- Extensive trenching, sampling and investigations to define nature and extent of chemicals of concern (COCs) in soil and groundwater

7



Data Gaps Investigation Direct-Push and Hand Auger Sampling



- Sampling activities were completed in January and February 2013
- Radiological screening showed all locations were comparable to background

8



Chemicals of Concern



SOIL

- Lead
- Polynuclear aromatic hydrocarbons (PAHs)
- Polychlorinated biphenyls (PCBs)
- Dioxins



GROUNDWATER

- Dissolved Arsenic
 - Driven by Total Petroleum Hydrocarbons (TPH)



9



Remedial Action Objectives (RAOs)



SOIL

- Reduce risk to current and future residents by minimizing:
 - Dermal Contact
 - Incidental Ingestion
 - Inhalation



GROUNDWATER

- Reduce risk to marine ecology in San Francisco Bay and to future construction workers
 - Treasure Island groundwater is not drinking water

10



Remedial Alternatives



SOIL

- Alternative S-1: No Action
- Alternative S-2: Engineered Cover & Excavation
- Alternative S-3: Excavation



GROUNDWATER

- Alternative GW-1: No Action
- Alternative GW-2: Permeable Reactive Barrier
- Alternative GW-3: In situ Soil Mixing, In situ Chemical Oxidation, and Long Term Monitoring
- Alternative GW-4: Excavation, Biostimulation, and Monitored Natural Attenuation

11

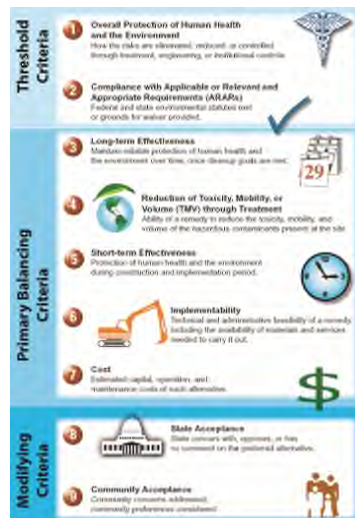


Evaluation Criteria



National Oil and Hazardous Substances Pollution Contingency Plan (NCP)

- NCP Criteria
 - Threshold
 - Balancing
 - Modifying
- Evaluate to Select a Cost-Effective Remedy
- Green and Sustainable Remediation
 - Part of Short-term Effectiveness



12



Remedial Alternatives Evaluation Soil



TABLE 9-1
Soil Alternative Comparison with NCP Criteria
Former Naval Station Treasure Island, San Francisco, California

CERCLA Criteria	Alternative S-1 No Action	Alternative S-2 Excavation, Cover	Alternative S-3 Excavation
Threshold Criteria			
Overall Protection of Human Health and the Environment	No	Yes	Yes
Compliance with ARARs	N/A	Yes	Yes
Balancing Criteria			
Long-Term Effectiveness and Performance	⊕	◐	●
Reduction in Toxicity, Mobility, or Volume through Treatment	⊕	◐	◐
Short-Term Effectiveness	◐	◐	◐
Implementability	●	◐	◐
Present-Worth Cost	\$0	\$4,311,000	\$8,245,000
Modifying Criteria			
State Acceptance	⊕	TBD	TBD
Community Acceptance	⊕	TBD	TBD

13



Remedial Alternatives Evaluation Groundwater



CERCLA Criteria	Alternative GW-1 No Action	Alternative GW-2 PRB	Alternative GW-3 Soil Mixing/SCM, TM	Alternative GW-4 Source Excavation/Biosimulation/MNA
Threshold Criteria				
Overall Protection of Human Health and the Environment	No	Yes	Yes	Yes
Compliance with ARARs	N/A	Yes	Yes	Yes
Balancing Criteria				
Long-Term Effectiveness and Performance	⊕	●	●	●
Reduction in Toxicity, Mobility, or Volume through Treatment	⊕	◐	◐	◐
Short-Term Effectiveness	◐	◐	◐	◐
Implementability	●	◐	◐	◐
Present-Worth Cost	\$0	\$5,478,000	\$2,781,000	\$3,437,000
Modifying Criteria				
State Acceptance	⊕	TBD	TBD	TBD
Community Acceptance	⊕	TBD	TBD	TBD

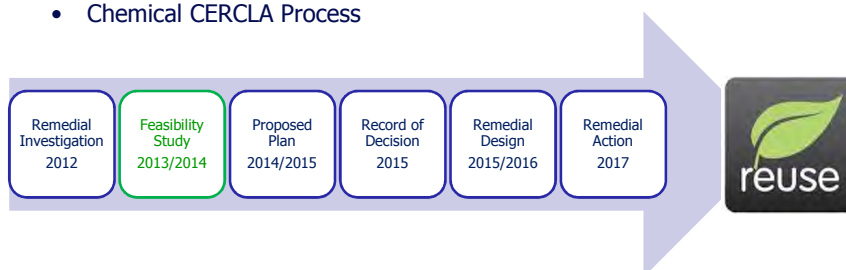
14



Next Steps



- Chemical CERCLA Process



- Radiological CERCLA Process
 - Independent & Parallel Path with Feasibility Study, Proposed Plan and Record of Decision

15



Questions?



16



Naval Station Treasure Island



Community Relations Plan Review

Former Naval Station Treasure Island
RAB Meeting

December 10, 2013



Presentation Outline



- Purpose of the CRP
- Reviewing the Document – highlights from each section
- Key Themes From CRP Interviews and Related Activities
- Schedule/ Providing Comments
- Questions



Purpose of the CRP



- Describe the communities interested in, and affected by environmental activities at NAVSTA TI;
- Describe the results of community interviews conducted in support of this CRP update;
- Outline the Navy's multifaceted approach to provide effective community involvement based on legal requirements and community needs as identified during interviews;
- Describe the environmental investigation and cleanup program and current site status; and
- Provide contact information for team members and decision makers working on the environmental cleanup.

3



Reviewing the Document



Section	Focus
Executive Summary	A quick overview of the document, read if you have only a little time. A good section to share with others.
Section 1: Introduction to the cleanup program and purpose/organization of the CRP	A brief description of the parties responsible for cleanup and oversight, key contacts
Section 2: Community description, recent community involvement efforts, interview results	See the summary of interview results, including the 5 key themes identified during interviews
Section 3: Goals and specific activities in the community involvement program	Review and comment on the Navy's planned activities.
Section 4: History and description of the cleanup sites	See the current status of all sites and a map
Section 5: Regulatory Background and Requirements	See table 5-1, community involvement requirements
Appendices A through I	See who was interviewed, additional contacts, comment on locations for public meetings, refer to RAB standard operating procedures

4



About the interviews



- 26 people were interviewed, representing stakeholder groups such as:
 - Residents of NAVSTA TI
 - Commercial tenants
 - Community service organizations
 - Education providers
 - Representatives of environmental organizations
 - Local officials
 - RAB members
 - Citizen's Advisory Board members
- Feedback varied, but five recurring themes were identified during the community interviews
- Activities to address those themes are identified in the document, in addition to other activities the Navy will continue to perform

5



Key Theme #1



- Theme 1: Residents and commercial tenants do not know which issues should be addressed by the Navy and which should be addressed by their leasing agent or the Treasure Island Development Authority (TIDA).
- Hold concurrent office hours with the Navy, TIDA, and District 6 supervisor at a convenient location on NAVSTA TI.
- Invite TIDA and housing providers to Navy meetings to answer community questions.
- When necessary, make available a contact at the Navy's Caretaker Site Office (**CSO**), located on NAVSTA TI, who can inspect and correct any reported problems related to the Navy's work, (i.e. restricted areas left open), or communicate issues directly to TIDA that need to be addressed by them.

6



Key Theme #2



Theme 2: People do not have time to devote to learning about the environmental cleanup program. They need easily accessible, straightforward information.

- Provide brief program updates via email, with a link to more detailed information.
- Provide periodic fact sheets that are no longer than 2 pages. Include an overall timeline for cleanup.
- Make contact information readily available by including it in all email blasts, so people can call a cleanup team member directly to ask questions.
- Attend established community events and meetings that community members already attend, to provide information and answer questions about the cleanup program. This may reduce the number of regular meetings residents need to attend.

7



Key Theme #3



Theme 3: A primary concern is health, especially for children living or recreating on TI.

- Provide project details and contact information on NAVSTA TI to children services providers (childcare center, recreation fields, sailing center, etc.). Add those providers to the NAVSTA TI IR program email list.
- Verify that construction activities are meeting all requirements for dust control, site access restriction, and other safety precautions.
- Collaborate with TI neighborhood organizations to communicate safety precautions and health protections at NAVSTA TI.
- Invite the state and city departments of public health to attend and present, or answer questions at Navy meetings

8



Key Theme #4



Theme 4: Some stakeholders prefer electronic communication for updates about the environmental cleanup program.

- Encourage interested parties to provide their email addresses for the Navy's email distribution list. Encourage groups with their own email distribution lists to forward Navy communications to interested parties.
- Send regular email "blasts" to the community with one or two paragraphs in the body of the email. A link or attachment can be included for those who want more detail.
- Work with administrators of social media pages, such as TI resident's Facebook page, to share Navy updates and meeting announcements.

9



Key Theme #5



Theme 5: Some stakeholders prefer face-to-face discussion for updates about the environmental cleanup program. For those who prefer meetings, there is no single meeting format that works for all stakeholders.

- Continue to hold bi-monthly RAB meetings and invite the public to attend. Encourage RAB members to speak directly to stakeholders they represent to share information.
- Hold a site tour for community members.
- Attend small group meetings for question and answer sessions with 8 to 10 residents at a time. Meetings can be held in a resident's home, and they can invite neighbors. Encourage those residents to speak directly with friends and neighbors to share what they learn at the meeting.
- Periodically attend other established meetings, if invited, such as Good Neighbors or resident meetings, parent-teacher or school staff meetings, to give an update on the Navy's environmental cleanup program and answer questions.

10



Schedule



- Draft CRP was issued on October 9, 2013
- RAB comment period was extended, and comments are requested by **Friday, December 20, 2013**
- Comments may be submitted via email or mail to:
Mr. Keith Forman
Navy BRAC Environmental Coordinator
Base Realignment and Closure
Program Management Office West
1455 Frazee Road, Suite 900
San Diego, CA 92108-4310
keith.s.forman@navy.mil

11



Questions



12

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
December 2013 - May 2014**

Item	Document Title & Information	CTO/DO	INTERNAL DRAFT		DRAFT										RTC		INTERNAL FINAL		FINAL	Comments			
			Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments						Priority Review	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies						
						Date Due	DTSC	WATER BOARD	EPA	TIDA/TICD	RAB							OTHER					
Site 6																							
1	Site 6 PP/Draft RAP	0038	09/09/13	✓	09/27/13	✓	10/14/13	✓	11/25/13	✓			✓			01/06/14	01/20/14	02/10/14	02/24/14	03/10/14			
	RPM: Bryce Bartelma																						
	PM: Dennis Kelly, TriEco-Tt																						
2	Site 6 RCA Characterization/Final Status Survey Work Plan	0025	10/21/13	✓	12/20/13	01/07/14	02/07/14									02/25/14	03/25/14	04/03/14	05/06/14	05/20/14	Internal draft review includes RASO review time		
	RPM: Louie Cardinale																						
	PM: Bill Dougherty, TriEC																						
Site 12																							
3	Site 12 Feasibility Study	I	08/09/13	✓	09/04/13	✓	10/18/13	✓	11/18/13	✓			✓			01/31/14	TBD	02/14/14	03/02/14	03/19/14			
	RPM: Bryce Bartelma																						
	PM: Doug Gilkey, KCH																						
4	Work Plan 1400 Series Housing Radiological Sampling Plan	0012	10/25/13	✓	NA	10/25/13	✓	11/08/13	✓	X	X	✓				NA	11/25/13	✓	NA	NA	12/02/13	✓	complete
	RPM: Danielle Janda																						
	PM: Ulrika Messer, CB&I																						
5	SWDA A&B Post-Construction Summary Report (Phase I)	0010	10/16/12	✓	12/10/12 05/12/14	✓	01/28/13 05/30/14	✓	02/27/13 06/27/14	X						07/10/14	07/12/14	07/14/14	07/19/14	07/24/14			
	RPM: Tony Konzen																						
	PM: Ulrika Messer, CB&I																						
6	SWDA A&B Post-Construction Summary Report (Phase II and Hot Spots)	I	12/20/13		02/18/14	03/04/14		04/03/14								04/17/14	05/07/14	05/21/14	06/04/14	06/18/14			
	RPM: Tony Konzen																						
	PM: Bill Dougherty, TriEC																						
7	Bigelow Court Removal Action Work Plan (RAWP)	I	08/26/13	✓	09/20/13	✓	12/23/13	01/22/14								02/17/14		02/19/14	02/21/14	02/24/14			
	RPM: Tony Konzen																						
	PM: Ulrika Messer, CB&I																						
8	Phase III NTCRA Work Plan		12/09/13	✓	02/07/14	02/21/14		03/24/14								04/07/14		04/25/14	05/02/14	05/16/14			
	RPM: Tony Konzen																						
	PM: Ulrika Messer, CB&I																						
Site 24																							
9	Focused Feasibility Study Addendum	0038	03/04/14		04/03/14		05/01/14		05/31/14							06/28/14	TBD	07/28/14	08/07/14	08/21/14			
	RPM: Danielle Janda																						
	PM: Jean Michaels, TriEco-Tt																						
Site 27																							
10	Remedial Action Completion Report (RACR)		03/03/14		03/28/14	04/10/14	05/21/14									06/24/14	TBD	06/24/14	07/09/14	09/03/14	agency review of internal final RACR scheduled for 7/9/14 through 8/19/14		
	RPM: Jacques Lord																						
	PM: Hedy Abedy, TriEC																						

**Naval Station Treasure Island
Environmental Cleanup Program
Document Tracking Sheet
December 2013 - May 2014**

			INTERNAL DRAFT				DRAFT							RTC			INTERNAL FINAL			FINAL				
Item	Document Title & Information	CTO/DO	Internal Draft Due to Navy	Navy Comments Due	Draft to Agencies	Agency Comments							Priority Review	Preliminary RTCs to Agencies	Resolve and Concur on RTCs	Internal Final to Navy	Navy Comments Due	Final to Agencies	Comments					
						Date Due	DTSC	WATER BOARD	EPA	TIDA/TICD	RAB	OTHER												
Sites 31/33																								
11	Site 31 Remedial Action Completion Report	:	02/28/14	04/01/14	04/30/14	05/30/14								06/07/14	NA	06/07/14	06/13/14	06/20/14						
	RPM: Louie Cardinale																							
	PM: John Baur, ITSI																							
12	Site 31 Final Status Survey Report	:	01/06/14	02/14/14	02/24/14	03/27/14								04/01/14	NA	04/01/14	04/10/14	04/16/14						
	RPM: Louie Cardinale																							
	PM: John Baur, ITSI																							
13	Site 33 Remedial Action Completion Report	:	01/05/14	01/08/14	01/09/14	01/16/14								01/30/14	03/01/14	03/08/14	04/07/14	04/14/14						
	RPM: Louie Cardinale																							
	PM: John Baur, ITSI																							
Building 233																								
14	Building 233 Characterization and FSS Plan	0010	08/30/13	✓	09/27/13	✓	11/09/13	✓	12/09/13					12/23/13	NA	12/30/13	01/06/14	01/11/14						
	RPM: Tony Konzen																							
	PM: Ulrika Messer, CB&I																							
15	Building 233 Final Status Survey Report	0010	02/07/14	03/07/14	03/28/14	04/25/14								05/16/14	05/30/14	06/03/14	06/05/14	06/09/14						
	RPM: Tony Konzen																							
	PM: Ulrika Messer, CB&I																							
YF3																								
16	Area YF3 SLERA	0038	03/26/14	04/30/14	05/21/14	06/20/14								07/22/14	08/21/14	09/16/14	09/30/14	10/15/14						
	RPM: Louie Cardinale																							
	PM: Katie Henry, TriEco-Tt																							
Groundwater Monitoring																								
17	2012 Sites 21 and 24 Groundwater Report	:	08/14/13	✓	08/28/13	✓	09/30/13	✓	10/29/13	✓	✓	✓	✓	12/10/13	01/09/14	NA	NA	01/16/14	TIDA 10/24, DTSC 10/29, RAB 10/30, WB 11/12					
	RPM: Louie Cardinale																							
	PM: Greg Alyanakian, Trevet																							
18	2013 Sites 6, 12, 21, 24 GW & Soil Gas WP/SAP	:	06/06/13	✓	08/01/13	✓	08/28/13	✓	10/03/13	✓	✓	X	✓	10/25/13	✓	11/04/13	✓	11/05/13	✓	11/26/13	✓	12/04/13	✓	DTSC 9/27, TIDA 9/30, WB 10/9
	RPM: Louie Cardinale																							
	PM: Greg Alyanakian, Trevet																							
Other Reports																								
19	Historical Radiological Assessment Tech Memo	0003	05/30/12	✓	06/29/12	✓	08/06/12	✓	10/05/12	✓	✓	✓	✓	✓	*	01/18/13 02/28/14	✓	03/28/14	04/04/14	04/11/14	04/18/14	Document on-hand pending upcoming Site 12 characterization survey and soil sample results		
	RPM: David Clark																							
	PM: Marcie Rash, TriEco-Tt																							
20	Radiological Work Plan, Project Areas 1-6 Radiological Surveys Phase I	0012	01/06/14		03/07/14	04/04/14	05/04/14									05/23/14		06/06/14	NA	NA	06/20/14			
	RPM: Danielle Janda																							
	PM: Ulrika Messer, CB&I																							

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December 2013 - May 2014**

			INTERNAL DRAFT			DRAFT							RTC			INTERNAL FINAL			FINAL		
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						Date Due	DTSC	WATER BOARD	EPA	TICD/ITCD	RAB								OTHER		
21	Radiological Scoping Survey Report / Final Status Survey (FSS) Report Phase I	0006	03/11/14	05/31/14	06/07/14	07/07/14							07/26/14	07/26/14	08/09/14	08/23/14	09/06/14				
	RPM: Danielle Janda																				
	PM: John Baur, ITSJ																				
22	2013 Site Management Plan	0003	03/27/13	✓	05/06/13	✓	07/31/13	✓	✓	X	✓			NA	NA	10/11/13	✓	10/21/13	✓	12/12/13	
	RPM: Danielle Janda																				
	PM: Marcie Rash, TriEco-Tt																				
23	Community Relations Plan Update 2013	0038	09/09/13	✓	09/19/13	✓	10/09/13	✓	11/08/13			✓			01/10/14	NA	01/17/14	01/31/14	02/14/14	RAB comment period extended to 12/20/13	
	RPM: Danielle Janda																				
	PM: Marcie Rash, TriEco-Tt																				
24	2014 LUC Inspection Report		02/13/14	02/27/14	03/13/14	04/12/14								04/19/14	TBD	04/19/14	04/22/14		04/26/14	Sites 21 and 30 included in this document	
	RPM: Danielle Janda																				
	PM: Internal Navy																				

- ✓ Production or review of document is complete.
- X Received notification of no comments or comments deferred to other agency.

Abbreviations:

CTO/DO = Contract task order/delivery order
DTSC = Department of Toxic Substances Control
EPA = U.S. Environmental Protection Agency
FS = Feasibility study
FSS = Final status survey
HHRA = Human health risk assessment
LUC = Land use control
NA = Not applicable
NTCRA = Non-time critical removal action

PCB = Polychlorinated biphenyls
PM = Project manager
PP = Proposed plan
RAP = Remedial action plan
RASO = Radiological Affairs Support Office
RD = Remedial Design
RAWP = Remedial Action Work Plan
RI = Remedial investigation
ROD = Record of decision

RPM = Remedial project manager
SAP = Sampling and analysis plan
SWDA = Solid waste disposal area
TBD = To be determined
TICD = Treasure Island Community Developers
TIDA = Treasure Island Development Authority
UST = Underground storage tank
Water Board (WB) = Regional Water Quality Control Board
WP = Work Plan

Grey shading indicates the document is finalized.
Blue shading indicates agency review comments are due within the next 60 days or are outstanding.
Yellow shading indicates documents that will be issued draft or final within the next 60 days.

**Naval Station Treasure Island
Navy Field Schedule
December 2013 - May 2014**

Item	Activity and Investigation Area	Field Dates	Navy RPM (contractor)	Complete
Site 12				
1	SWDA A&B (Phase I) - Non-Time Critical Removal Action and Buildings 1123 and 1321 Demolition	Start: 02/26/07 Finish: 05/23/14	Tony Konzen (CB&I)	
2	SWDA A&B (Phase II) - Site 12 Hot Spots and Buildings 1121 and 1323 Demolition	Start: 05/15/13 Finish: 12/10/13	Tony Konzen (TtEC)	
3	1400 Series Radiological Sampling	Start: 12/01/13 Finish: 12/31/13	Danielle Janda (CB&I)	
Site 27				
4	Site 27 Remedial Action	Start: 07/09/13 Finish: 02/10/14	Jacques Lord (TtEC)	
Sites 31/33				
5	Sites 31/33 Remedial Action	Start: 02/02/12 Finish: 03/31/14	Louie Cardinale (ITSI)	
Building 233				
6	Building 233 Debris Screening / Final Status Survey	Start: 01/30/12 Finish: 04/11/14	Tony Konzen (CB&I)	
Groundwater Monitoring				
7	Sites 6, 21, 24 - Groundwater/Soil Gas Sampling <i>Sites 6, 21, and 24</i>	Start: 12/09/13 Finish: 12/13/13	Louie Cardinale (Trevet)	
8	Sites 6, 12, 21, 24 - Groundwater/Soil Gas Sampling <i>Sites 6, 12, 21, and 24</i>	Start: 03/03/14 Finish: 03/14/14	Danielle Janda (Trevet)	
Other				
9	Scoping Surveys - Various Sites Phase I <i>Building 3, Sites 12, 32, and roads between Sites 6 and 12; and Waste Utilities at Bldgs 3, 7, and 233</i>	Start: 08/01/13 Finish: 12/30/13	Danielle Janda (ITSI)	
10	Radiological Surveys of Various Areas Project Areas 1-6	Start: 04/01/14 Finish: 07/01/14	Danielle Janda (CB&I)	

Abbreviations:

- ✓ Field work is complete.

**Naval Station Treasure Island
Navy Field Schedule
December 2013 - May 2014**

Item	Activity and Investigation Area	Field Dates	Navy RPM (contractor)	Complete
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Yellow shading indicates field activities that will start or finish within the next 60 days.

RPM Remedial project manager
SWDA Solid waste disposal area
TBD To be determined

Grey shading indicates field activities are complete.

6205 View Crest Drive
Oakland, CA 94619
November 17, 2013

Mr. Keith Forman
Base Realignment and Closure, Program Management Office West
1455 Frazee Road
San Diego 92108

Ref: Comments on the Draft Community Relations Plan

Dear Mr. Forman:

Please find comments to my review of the "Draft" Community Relations Plan 2013 Update:

Page	Section	Comment
ES-1	Para 3	Why is the Petroleum Cleanup Program not part (included) of this CPR?
ES-2	Bullet 4, 2 nd sentence	Add the word " be " between "... damaged buildings may be spread by the wind"
ES-2	Bullet 5, last sentence	Change to: "One interviewee believes the CCF is having difficulty securing funding ..."
ES-2	Bullet 6, 2 nd sentence	Change to: "... impacts to those who recreate from on current sites conditions , or during active..."
ES-2	Bullet 7, 1 st sentence	Add "can" between "... so they can understand ..."
1-1	1.0 Para 3, last sentence	Why is the Petroleum Cleanup Program not part (included) of this CPR?
2-7	2.3.1 Bullet 5	Change to: "One interviewee believes the CCF is having difficulty securing funding ..."
3-2	Theme 3:	Change to: "... to children services providers (childcare center, recreation fields, sailing center, etc.)
3-3	Theme 5:, 2 nd -	Change to: Hold a site tours for community members.
3-3	Theme 5:, 3 rd - 2nd	Change to: Meetings can be held in a residents home. and they can invite neighbors.
3-3	Theme 5:, 34d- last	Add (s) to "... what they learn at the meeting (s) ."
3-3	3.3	Add ; "...requirements and ; but not specifically ..."
3-4	3.3.4	Change "Work ... and distributed in at the site vicinity ..."

Sincerely,



John Gee

cc: D, Smith, N. Brennan, M. Walters, R. Martin, CC: Mr. Dave Clark, Navy RPM
Ms. Remedios Sunga, California Department of Toxic Substances Control
Ms. Myriam Zech, Water Quality Control Board, Region 2